

CHOATE, HALL & STEWART

A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

EXCHANGE PLACE

53 STATE STREET

BOSTON, MASSACHUSETTS 02109-2804

TELEPHONE (617) 248-5000 • FAX (617) 248-4000

WWW.CHOATE.COM

03914 U.S. PTO  
10/674087



MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, VA 22313-1450

**Express Mail No.:** EV 322608140US  
**Attorney Docket No.:** 0492611-0507 (MIT 9926)  
**Date Filed:** September 29, 2003

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Dear Sir:

Please find enclosed a patent application and papers as follows for:

Inventor(s):

Given Name (first and middle)      Family Name or Surname      Residence

Jianzhu	Chen	17 Stearns Road Apt. #6 Brookline, MA 02456
Herman N.	Eisen	9 Homestead St. Waban, MA 02468
Qing	Ge	55 Harvey St., Apt. 1R Cambridge, MA, 02140

Title of the Invention      **COMPOSITIONS AND METHODS FOR DELIVERY OF SHORT  
INTERFERING RNA AND SHORT HAIRPIN RNA**

A) APPLICATION ELEMENTS:

- 1)      **Fee Transmittal Form** (original and duplicate submitted for fee processing)
- 2)   X   **Applicant Claims Small Entity Status** (see 37 CFR §1.27)  
    a)      Statement Verifying Small Entity Status
- 3)   X   **Specification**

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- Descriptive Title of the Invention
- Related Applications
- Background of the Invention
- Summary
- Brief Description of the Drawings
- Description of Certain Preferred Embodiments of the Invention
- Claim(s) (10 pages)
- Abstract of the Invention (1 page)

TOTAL PAGES: 112

4) X **Drawing(s)** (35 U.S.C. § 113)

TOTAL SHEETS: 22

a)      Formal Drawings (if checked)

5)      **Oath or Declaration**

TOTAL PAGES: 134

a)      Newly Executed (copy)

b)      Copy from a prior application (37 C.F.R. § 1.63(d))-for  
continuation/divisional application

c)      Unexecuted

6)      **Application Data Sheet.** See 37 CFR 1.76.

7)      **CD-ROM or CD-R in duplicate, large table or Computer Program  
(Appendix)**

8)      **Nucleotide and/or Amino Acid Sequence Submission** (if applicable, all are  
necessary)

a)      Computer Readable Form (CRF)

b)      Specification Sequence Listing on:

i)      CD-ROM or CR-R; or

ii)      Paper

c)      Statements verifying identity of above copies

d)      Amendment Introducing Sequence Listing

B) ACCOMPANYING APPLICATION PARTS:

- 9)\_\_\_ **Assignment Papers**
- 10)\_\_\_ **37 C.F.R. § 3.73(b) Statement**
- 11)\_\_\_ **Power of Attorney**
- 12)\_\_\_ **English Translation Document** (if applicable)
- 13)\_\_\_ **Information Disclosure Statement (IDS)/PTO-1449**
- 14)\_\_\_ **Copies of IDS Citations**
- 15)X **Return Receipt Postcard (MPEP 503)** (specifically itemized)
- 16)\_\_\_ **Certified Copy of Priority Document(s)** (if foreign priority is claimed)
- 17)\_\_\_ **OTHER:** (if applicable, specified below)

C) FOR CONTINUING APPLICATIONS:

\_\_\_ CONTINUATION                      \_\_\_ DIVISIONAL                      \_\_\_ CONTINUATION-IN-PART (CIP)

OF PRIOR APPLICATION NO: \_\_\_\_\_  
FILED: \_\_\_\_\_  
EXAMINER: \_\_\_\_\_  
GROUP/ART UNIT: \_\_\_\_\_

**FOR CONTINUATION OR DIVISIONAL APPLICATIONS ONLY:** THE ENTIRE DISCLOSURE OF THE PRIOR APPLICATION, FROM WHICH AN OATH OR DECLARATION IS SUPPLIED AS DETAILED ABOVE, IS CONSIDERED A PART OF THE DISCLOSURE OF THE ACCOMPANYING CONTINUATION OR DIVISIONAL APPLICATION AND IS HEREBY INCORPORATED BY REFERENCE.

D.) PRIORITY CLAIM(S):

This application claims the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below:

Application Number	Filing Date	Status
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PCT Applications designating the United States:

Application Number	Filing Date	Status
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This application claims the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Provisional Application(s):

60/414,457	September 28, 2002	Pending
60/446,377	February 10, 2003	Pending
Application Number	Filing Date	Status

E) METHOD OF PAYMENT OF FILING FEES FOR THIS APPLICATION:

- ☒ Applicant claims small entity status 37 CFR §1.27
- ☒ A check is enclosed to partially cover the filing fees.
- ☒ The Commissioner is hereby authorized to charge additional filing fees or credit any overpayment to Deposit Account Number 03-1721.

Basic Filing Fee (SMALL Entity) \$375.00  
 Additional Fees:  
 Total Number of Claims in excess of 20: ( ) x \$9.00 \$  
 Number of Independent Claims in excess of 3: ( - 3 = 181 x \$42 \$  
 Multiple Dependent Claims (\$140):

**Total Fee Enclosed:** \$1,200

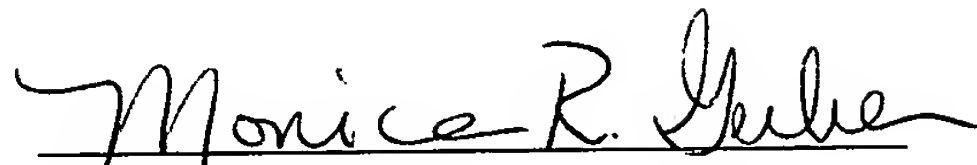
F) CORRESPONDENCE ADDRESS:

X Customer Code: 24280

X Correspondence Address:

Monica R. Gerber, M.D., Ph.D.  
Choate, Hall & Stewart  
53 State Street  
Exchange Place  
Boston, MA 02109  
Telephone: (617) 248-5000  
Facsimile: (617) 248-4000

Respectfully Submitted,

  
Monica R. Gerber  
Reg. No. 46,724

PATENT DEPARTMENT  
CHOATE, HALL & STEWART  
53 State Street  
Exchange Place  
Boston, MA 02109  
Telephone: (617) 248-5000  
Facsimile: (617) 248-4000

Date: September 29, 2003